

MICROWAVE POWERED LAMPHEAD HAVING EXTERNAL SHUTTER

Abstract of the Invention

A microwave powered lamp head assembly includes a shutter assembly which may be activated to selectively allow transmission of light from the microwave powered lamp bulb. The shutter assembly allows unrestricted airflow when it is in the closed position so that the active lamp bulb may still be cooled, while preventing the transmission of UV radiation through the shutter. The shutter assembly is in close sealing relation with respect to the optical cavity holding the lamp bulb when in the closed position to minimize the escape of UV radiation.